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SEP 11 2003

TC 1700

METHOD OF ULTRAFILTRATION

ABSTRACT OF THE DISCLOSURE

5 A process for ultrafiltration using constant pressure differential as the driving force is disclosed. This process is particularly suited for use in concentrating or purifying proteins and/or nucleic acids, often without any need for one or more diafiltration steps. The process is particularly suited for small volume applications, such a small concentrator devices and multiple well plates that typically use starting volumes of liquids of less than about 500 microliters. The steps include
10 adding a liquid volume above an ultrafiltration membrane and applying a constant pressure differential at a force and length of time to achieve the desired concentration on the upstream side of the membrane. The concentrate is then diluted or removed for further processing.

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